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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/756,092	01/13/2004	Terrence J. Campbell	230P180(a)	2923

28264 7590 02/22/2008
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EXAMINER	
GRANT II, JEROME	
ART UNIT	**PAPER NUMBER**
2625	

NOTIFICATION DATE	DELIVERY MODE
02/22/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No.	Applicant(s)	
	10/756,092	CAMPBELL ET AL.	
	Examiner	Art Unit	
	Jerome Grant II	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-28* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *20 and 22-28* is/are allowed.

6)☒ Claim(s) *1-4, 6-8, 10-19 and 21* is/are rejected.

7)☒ Claim(s) *5 and 9* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 4/04
4) ☐ Interview Summary (~~PTO-413~~) Paper No(s)/Mail Date. _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Detailed Action

1A.

Claim 5 has been numbered twice. The second occurrence of claim 5 will be labeled claim 6 for purpose of this rejection

1B.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 6-9, 11, 12,14, 15, 17 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Lipton.

With respect to claim 1, Lipton teaches a method for adding at least one special effect to the output media of a computer output device (printer 12, see figure 1) adapted to receiving an input byte stream (see figure 2b), said method comprising the steps of: identifying at least one byte string(see figure 2b) to act as a trigger (tag identification) for adding said at least one special effect to said output media; determining (via process 22 of figure 1) when said at least one byte string occurs in the input byte stream to the computer output device; and adding said lat least one special effect (font

= Chicago or Helvetica, see col. 4, lines 8-13) to said output media in response to the at least one byte string.

With respect to claim 6, see col., 3, lines 55-57.

With respect to claims 7 and 11, the predetermined color is black.

With respect to claims 8 and 14, the predetermined shape is discussed at col. 3, lines 25-30 and col. 4, lines 1-3.

With respect to claims 9, Lipton teaches an article of manufacture (font memory 26) having a computer readable program code embodied therein for adding at least one special effect to the output media of a computer output device adapted to receive an input byte stream, the article of manufacture comprising:
Computer readable program code means (font memory 26) for storing at least one byte string to act as a trigger to (tag identification) for adding said at least one special effect to said output media; a computer readable program, embodied in font memory 26) for determining (via process 22 of figure 1) when said at least one byte string occurs in the input byte stream to the computer output device; and computer readable font memory for adding said least one special effect (font = Chicago or Helvetica, see col. 4, lines 8-13) to said output media in response to the at least one byte string.

With respect to claim 12, see col. 3, lines 25-35.

With respect to claim 15, Lipton teaches a method of creating a trigger (tag identification) for signaling the addition of a special effect to output device of a computer device (printer 12) , see also col. 4, lines 14-24, comprising the steps of:

Setting the length of an input text string to serve as said trigger (78 bytes see figure 2b); setting the content of said text string: document data 18; defining the location of said input text string relative to the intended location of said special effect) (CPU 16 or print engine 24); defining the type of said special effect to be added (font type Chicago or Helvetia according to col. 4, lines 8-13); defining the extent of replacement of said input text string by said special effect (that is by changing the document data to a text string having a font type which can be replaced between at least Chicago versus Helvetia type fonts; and storing said length, said content , said location said type, and said replacement computer readable memory (font memory 26).

With respect to claim 17, this limitation is anticipated by a glyph font which could be used as a logo.

With respect to claim 18, the color is black.

2.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lipton in view of the Well Known Prior Art.

Lipton teaches all of the subject matter upon which the claim depends except for the use of a point of sale printer.

Lipton teaches the use of a printer 12, shown by figure 1.

It would have been obvious to one of ordinary skill in the art to replace printer 12 of Lipton with a POS printer which is the same as a cash register having a printer function for printing a receipt of a purchase at the point of sale.

With respect to claim 3, Lipton teaches receipts 1, 2 and 3 as provided by figure 2a.

With respect to claims 4 and 16, Lipton teaches all of the subject matter upon which the claim depends except for the legacy text string. Even though Lipton does not use the or teach specifically legacy text string, the examiner contends that identification data, as identified at col. 4, lines 15-30 is a type of legacy text string in that it contains information used for identifying the byte string.

3.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 21 is rejected under 35 U.S.C. 102(b) as being anticipated by Gibson (2001/0021971).

Gibson teaches a method of controlling he printing of a special effects on the output media of a computer output device, the method comprising the steps of:

Setting a feature mask having a plurality of predetermined parameters that define the intended printing characteristics of the special effect (halftone, color space, see Table 2 in the specification of Gibson); lock bit 296 for defining a first trigger for indicating when said special effect should be disabled according to said feature mask , when L = 1 for locked processing; lock bit 296 for defining a second rigger to indicate when said special effect should be enabled according to said feature mask when L = 0

for enabling special processing, see figure 11; detecting said first and second triggers in said input bytes stream (special processing, according to figure 11) note coprocessor 224, see also paragraphs 435-36 regarding lock bit = 1; enabling and disabling said special effect according to said first and second triggers, (compressor 24, as discussed at para. 435-36 when lock bit = 0).

4.

Claims Objected

Claims 5 and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5.

Claims Allowed

Claims 20 and 22-28 are allowed.

6.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Jerome Grant II from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles, can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant II